



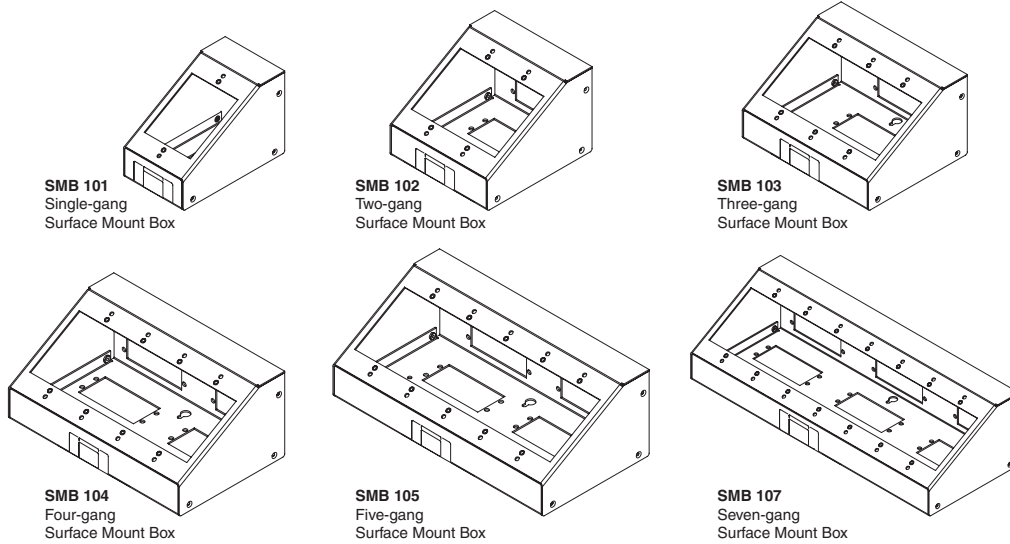
IMPORTANT:
Refer to www.extron.com for the complete user guide, installation instructions, and specifications.

SMB 100 Series • Installation Guide

The Extron SMB Series Surface Mount Boxes are designed for mounting various Extron architectural products, including wall plates, Architectural Adapter Plates (AAP), AAP Mounting Frames, and MediaLink® Controllers. Each box can be surface mounted on a tabletop or wall for convenient access to connectors and controls.

The back and bottom of the boxes feature AAP openings. Blank AAP panels are included to fill unused openings.

This guide provides information for a qualified, experienced installer to install an SMB surface mount box.



Recommended Fasteners

Choose the appropriate type of screw or bolt for the mounting surface (see the table below). The mounting holes in the bottom panel of the SMB accommodate #6 or 1/4 inch screws.

Wall Type	Fasteners	Min. Size Fastener	Quantity	Drill Bit Size	Notes
Drywall	Toggle bolts	3/16 inch	At least 3	1/2 inch	Min. 3/8 inch wall thickness
Solid wood	Wood screws	#6 with a washer	At least 3	3/32 inch	Min. 3/8 inch wall thickness
Masonry	Masonry screws	1/4 inch	At least 3	3/16 inch masonry bit	Do not mount to masonry joints.

Grounding

The bottom plate includes a #6-32 stud insert for grounding; a grounding nut is included with each SMB.

Mounting the SMB

NOTES:

- This unit must be installed in accordance with the National Electrical Code and with all local codes.
- Ensure that the installation meets the local and state regulatory requirements, including building, electrical, and safety codes, and ADA accessibility requirements.
- Ensure that there are no utility cables or pipes at the intended location that might be damaged or cause injury when installing the box.

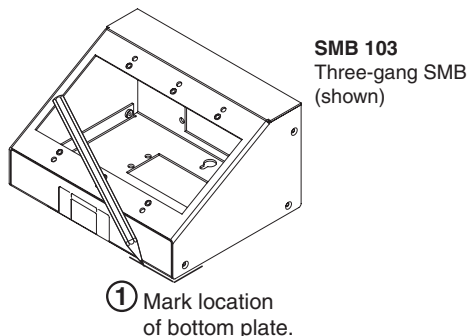
The SMB can be mounted on any interior wall type or on a tabletop. Knockouts allow for raceways to be run from the top or rear of the box. Install the cables into the wall or raceway before mounting the box or installing any devices in the SMB. The installation instructions apply to all models.

SMB Series Surface Mount Boxes • Installation Guide (Continued)

Mounting the SMB to a Surface

- Find a suitable location and use a non-permanent marker or tape to outline at least one corner of the SMB perimeter on the surface.

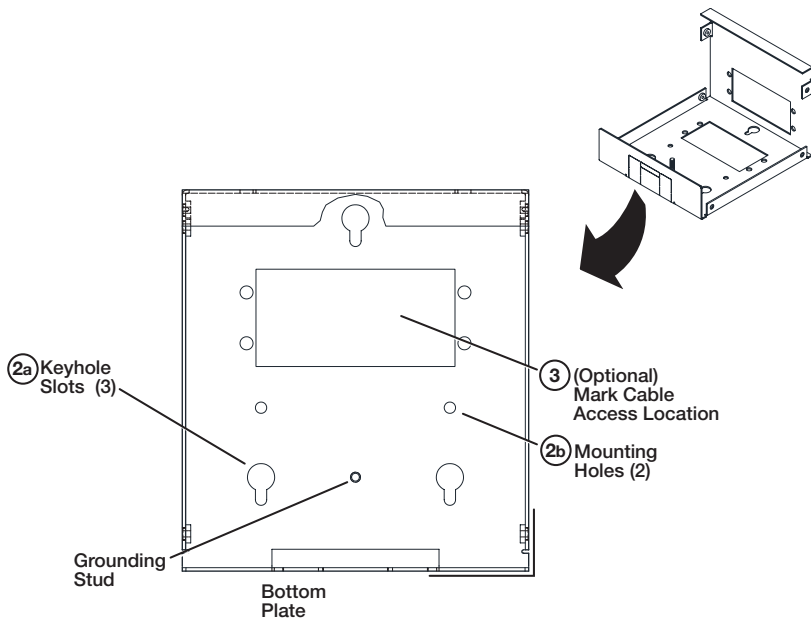
To access the rear keyhole slots or other mounting holes, it may be necessary to remove the enclosure cover. To remove the cover, first remove three screws on each side (six total), then lift the cover off.



- Using the bottom plate, mark the pilot hole locations for the:
 - three keyhole slots, or
 - two mounting holes.

NOTE: Alternately, 1/4 inch bolts can be used in the larger portion of the keyhole slot. Mark the pilot holes accordingly.

- If required, mark the location for the cable access hole.
- Drill 3/32 inch pilot holes for the keyhole slots marked in step 2a or the mounting holes marked in step 2b.
 - Cut cable access hole marked in step 3.
 - If using the smaller portion of the keyhole slots, insert screws into the pilot holes, but do not tighten until the bottom plate is slid into position.
- Mount the SMB bottom plate with the fasteners.
- If the cover was removed, replace it.



Cable Routing

Cables may access the SMB through the AAP openings and through raceway knockouts.

- If cables enter the SMB through the rear panel, use the rear panel AAP openings. AAP modules are sold separately.
- With the SMB fastened to the mounting surface, run all necessary cables through the pass-through opening before installing any device(s) into the SMB.

NOTE: A nut is provided for grounding installed devices.

- Once the SMB is secured, cable the connections, then install the AAPs or other devices.

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Extron USA - West +1.714.491.1500 +1.714.491.1517 FAX	Extron USA - East +1.919.850.1000 +1.919.850.1001 FAX	+31.33.453.4040 +31.33.453.4050 FAX	+65.6383.4400 +65.6383.4664 FAX		+86.21.3760.1568 +86.21.3760.1566 FAX			+91.80.3055.3777 +91.80.3055.3737 FAX